



# FEMA



Prepared by  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Thursday May 13, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Isolated severe storms expected over several days, with damaging winds and hail being the main threats:**
  - **Friday: TX/OK Panhandles into E-Central NM**
  - **Saturday: OK and W TX**
  - **Sunday into the middle of next week: OK & TX**
- **Isolated heavy rain possible on Saturday over NE OK, N AR and S TX.**
  - **And will also be possible across much of TX & OK from Sunday into the middle of next week.**

# FEMA Region 6 Threat Matrix

May 13, 2021 - May 17, 2021



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DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms		TX/OK Panhandles, E-Central NM	OK, WTX	TX, OK	TX, OK
Heavy Rain / Flash Flooding			NE OK, N AR, STX	TX, OK	TX, OK
Fire Weather					
Winter Weather					
River Flooding	LA, TX	LA, TX	LA, TX	LA, TX	LA, TX
	AR	AR	AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

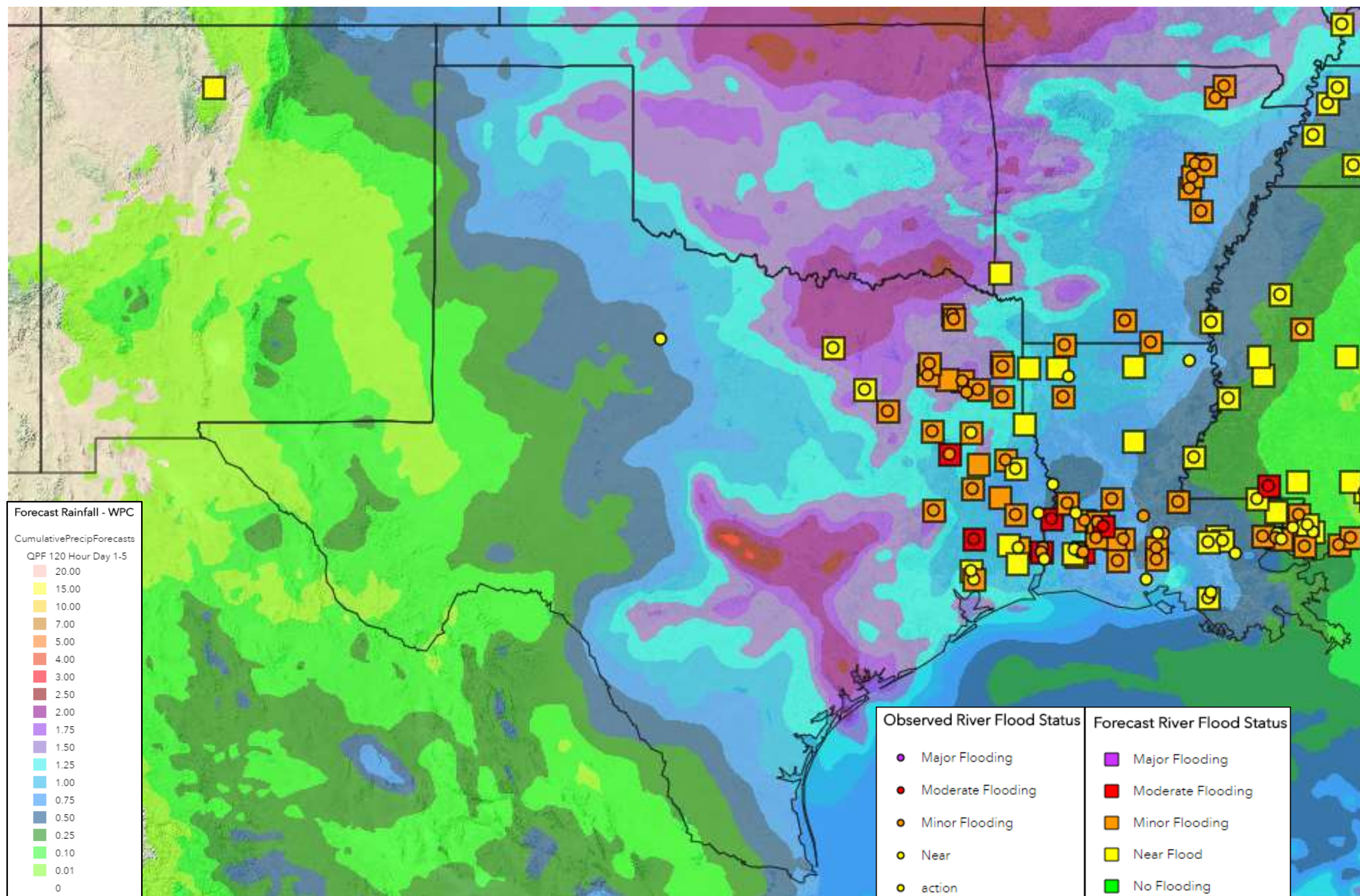


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



## Moderate River Flooding in Texas:

- The Neches River near Alto in E-Central TX is forecast to rise slightly into moderate flood stage today; impacts include flooding of the heavily wooded floodplain.
- Menard Creek near Rye in SE TX is cresting now and forecast to fall below moderate flood stage this afternoon.
- The Sabine River near Bon Wier will crest overnight; impacts are to secondary roads and a few homes.
- The Sabine River near Deweyville is expected to crest early next week; impacts are to roads and a few homes.

## Moderate River Flooding in Louisiana:

- The Calcasieu River near Oberlin will remain in moderate flood through next week; impacts to low-lying roads.
- The Calcasieu River at White Oak Park will rise into moderate flood tonight and crest this weekend; roads flooded and closure of boat traffic expected.

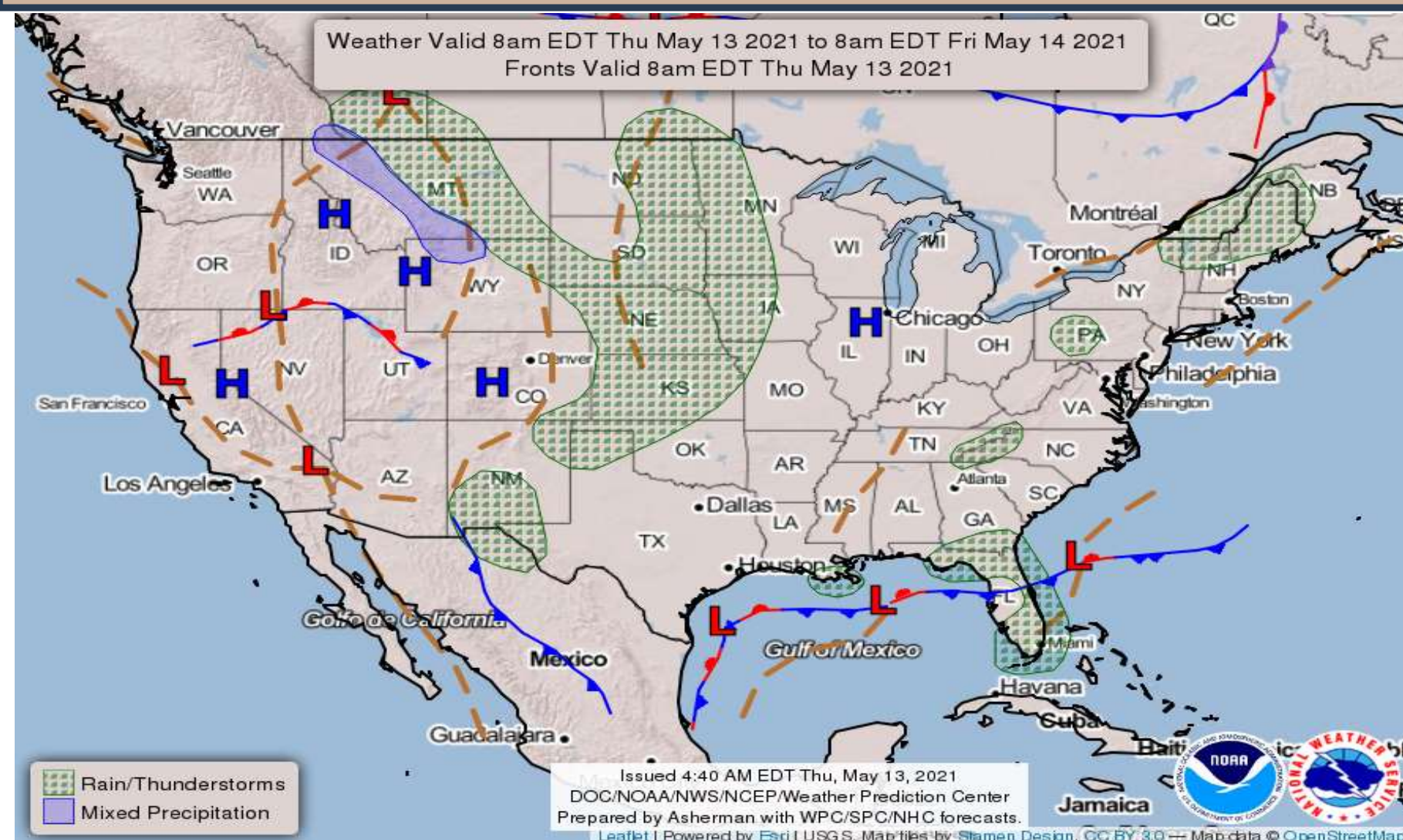
**Minor river flooding will continue across AR, LA and E TX with flooding of agricultural/recreational areas and secondary roads.**

**Additional minor river flooding is possible with rainfall Sunday into next week.**

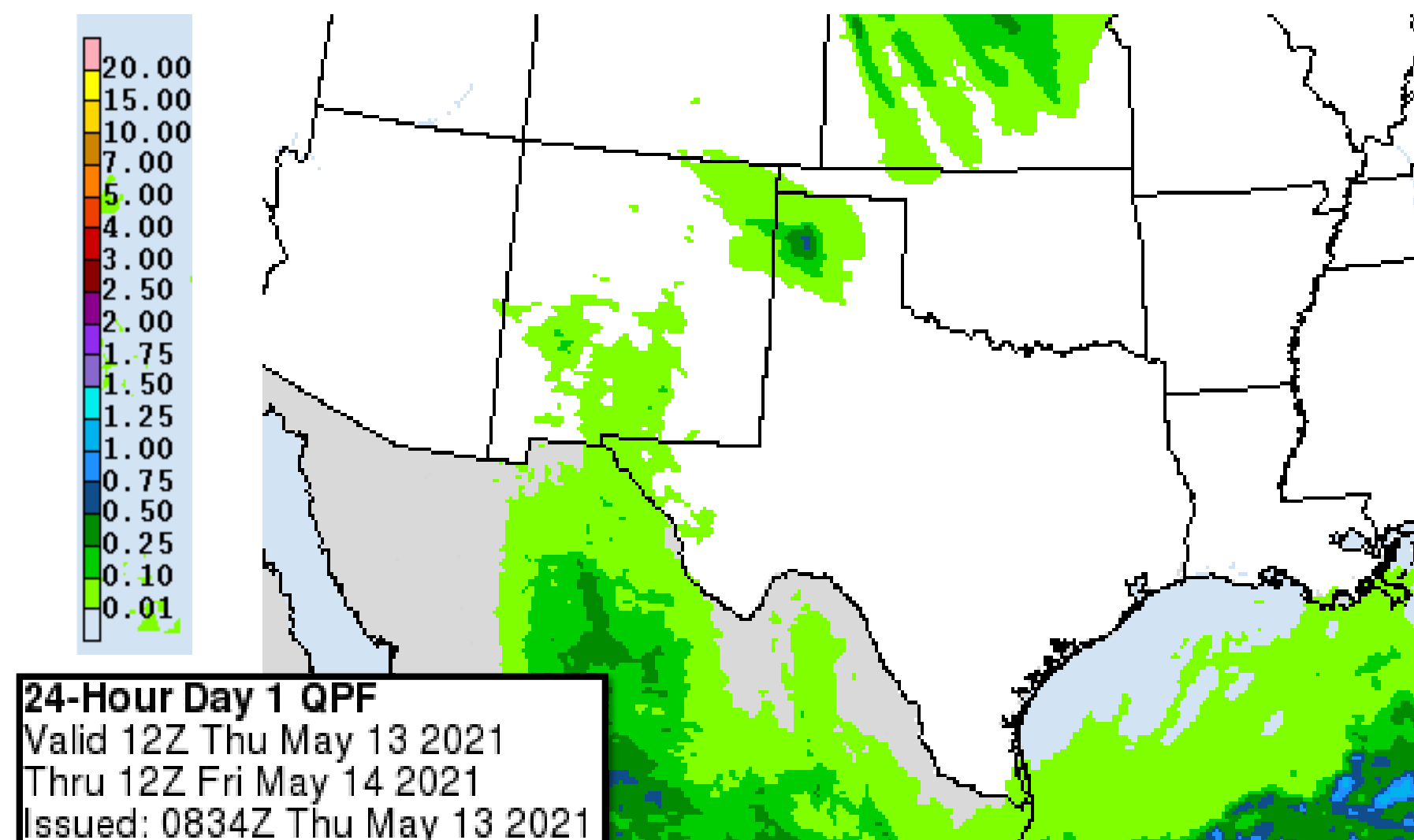


# Today's Weather

## Forecast Chart



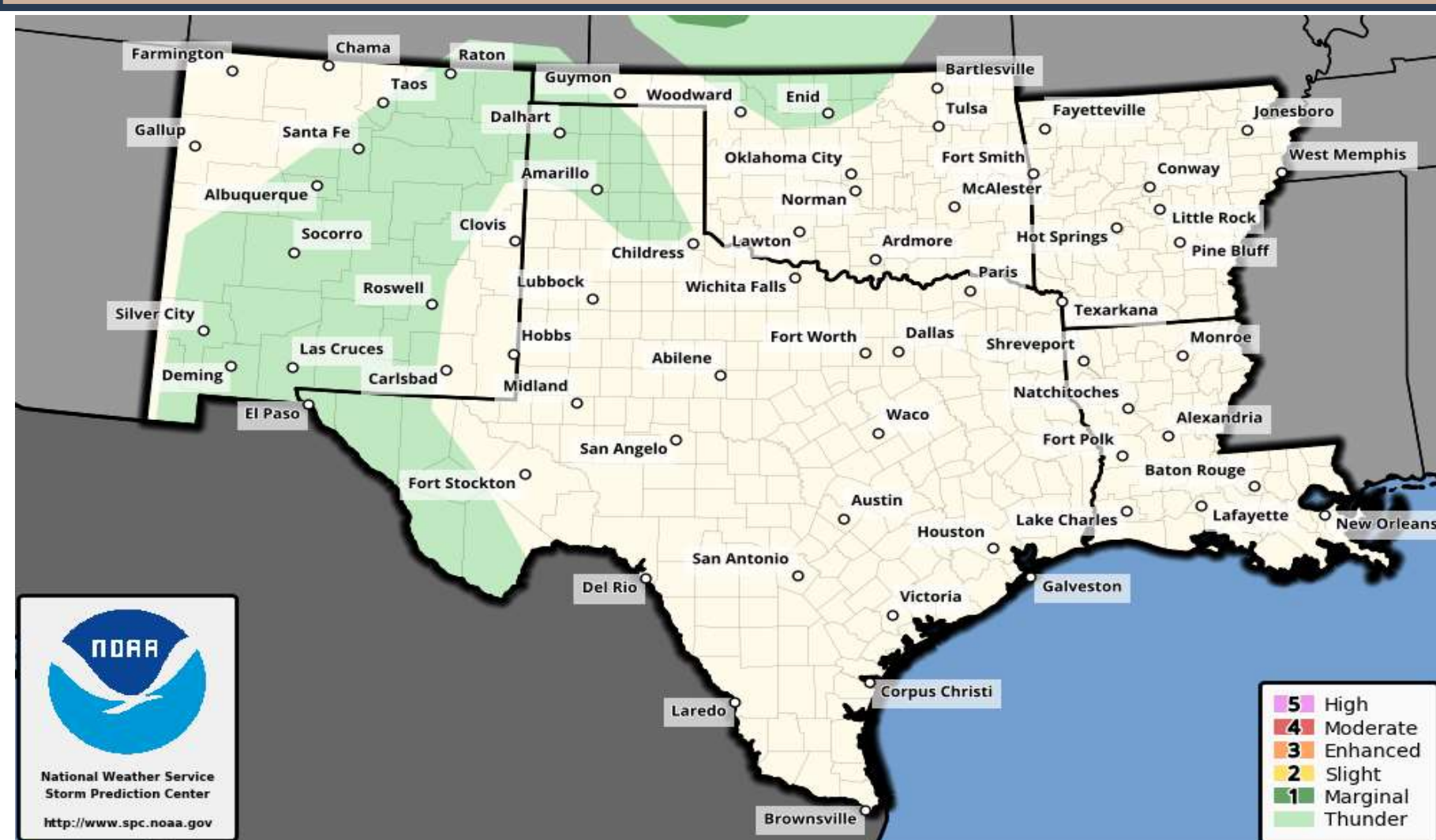
## Forecast Rainfall



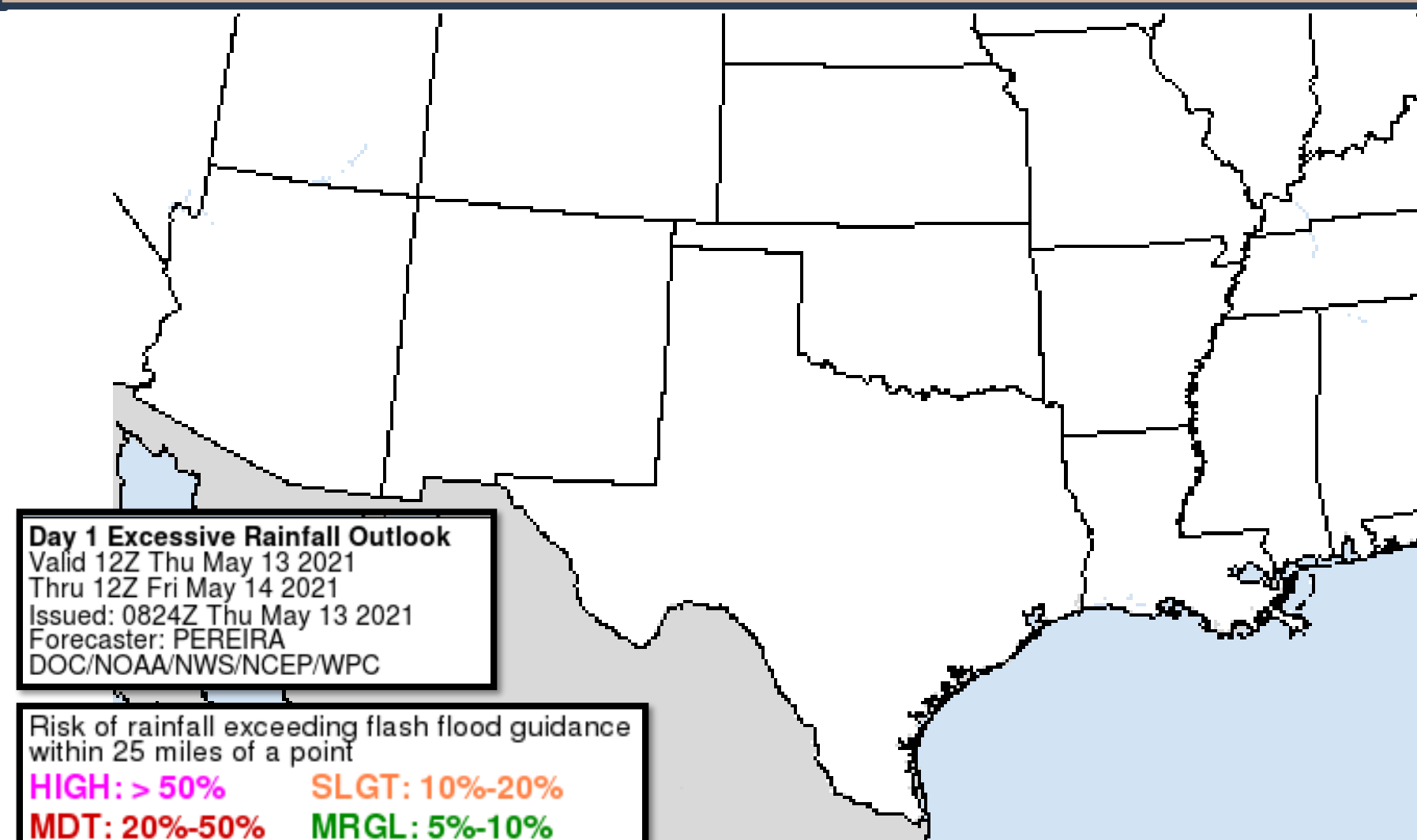
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No significant weather  
expected.

## Severe Weather Outlook



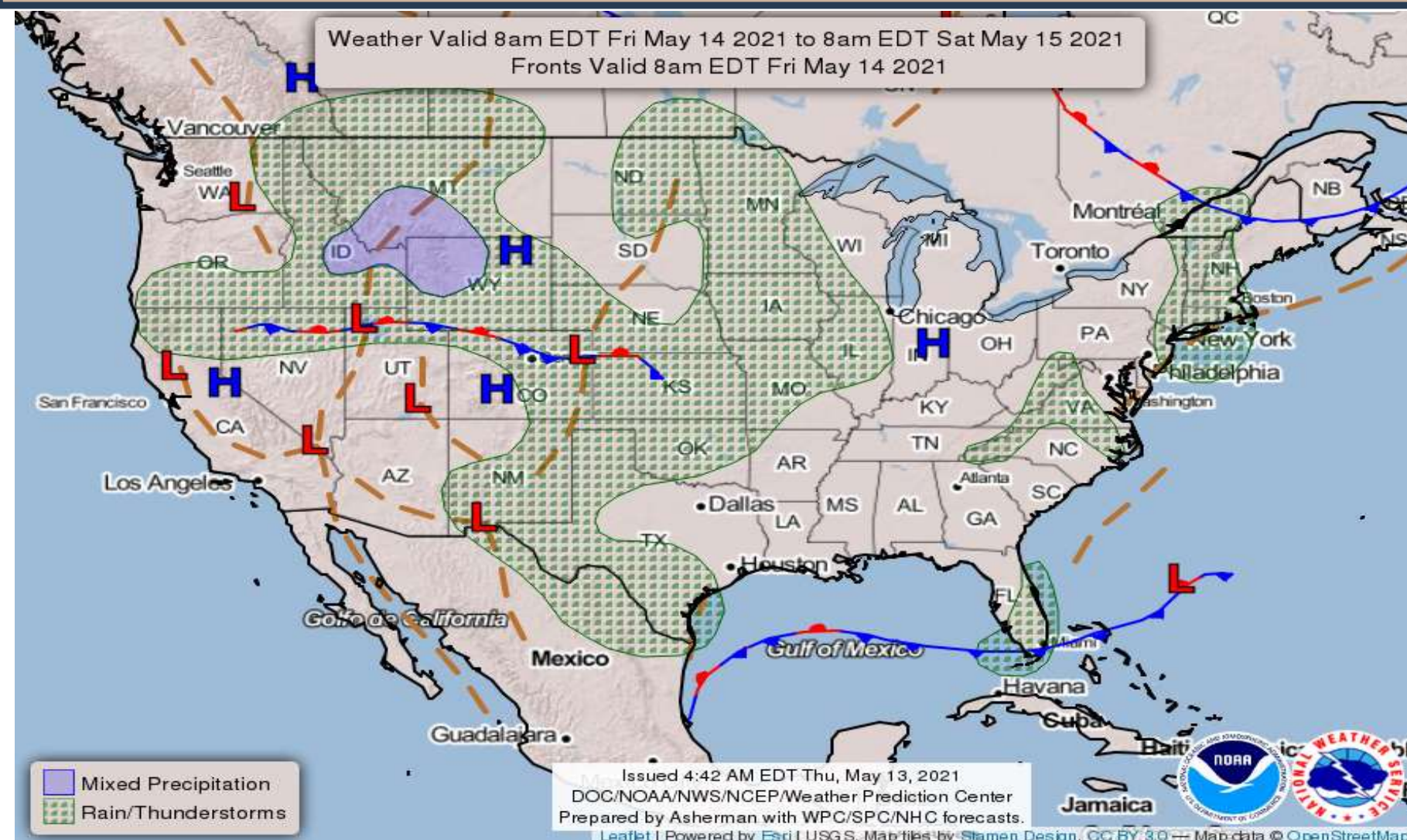
## Excessive Rainfall Outlook



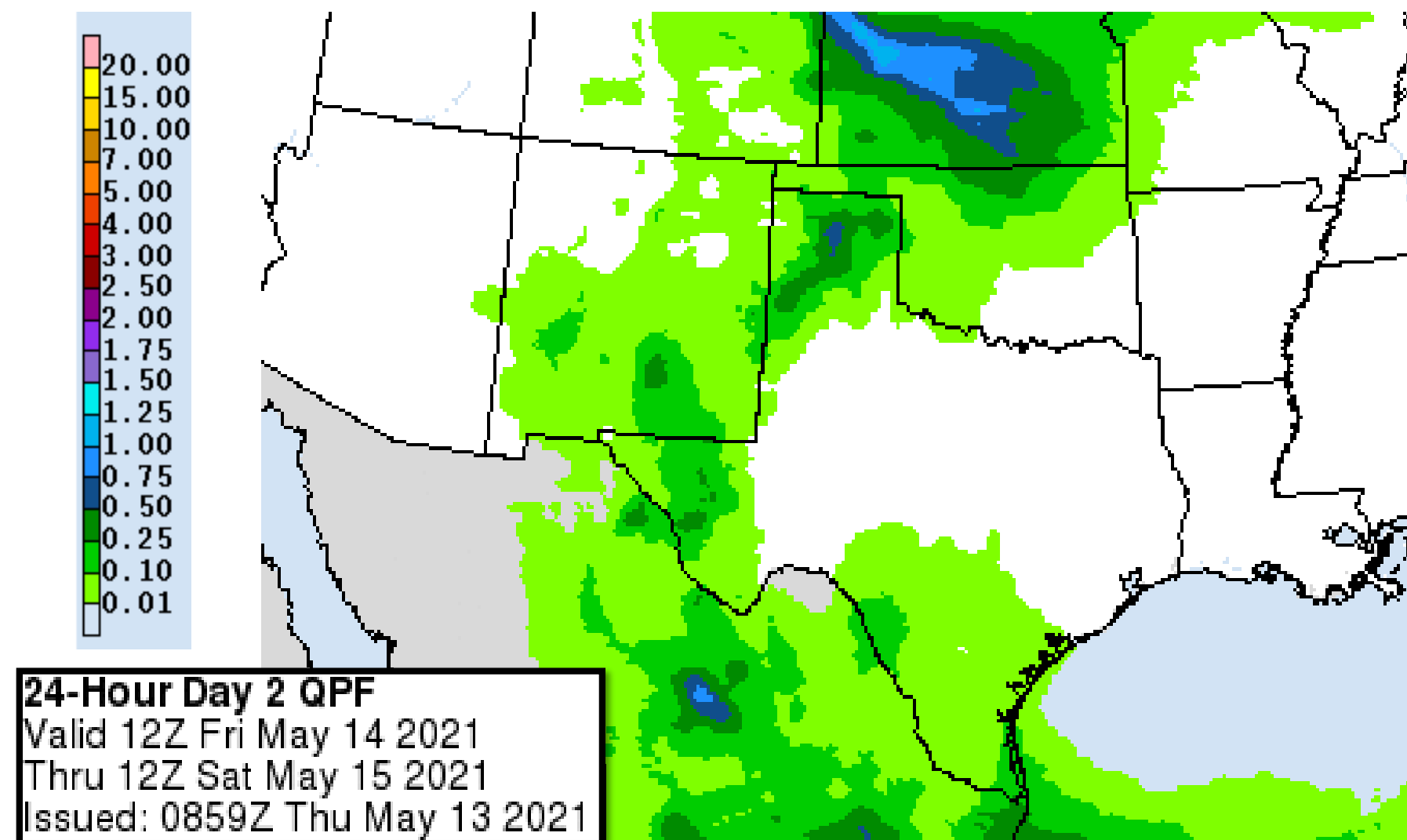


# Tomorrow's Weather

## Forecast Chart

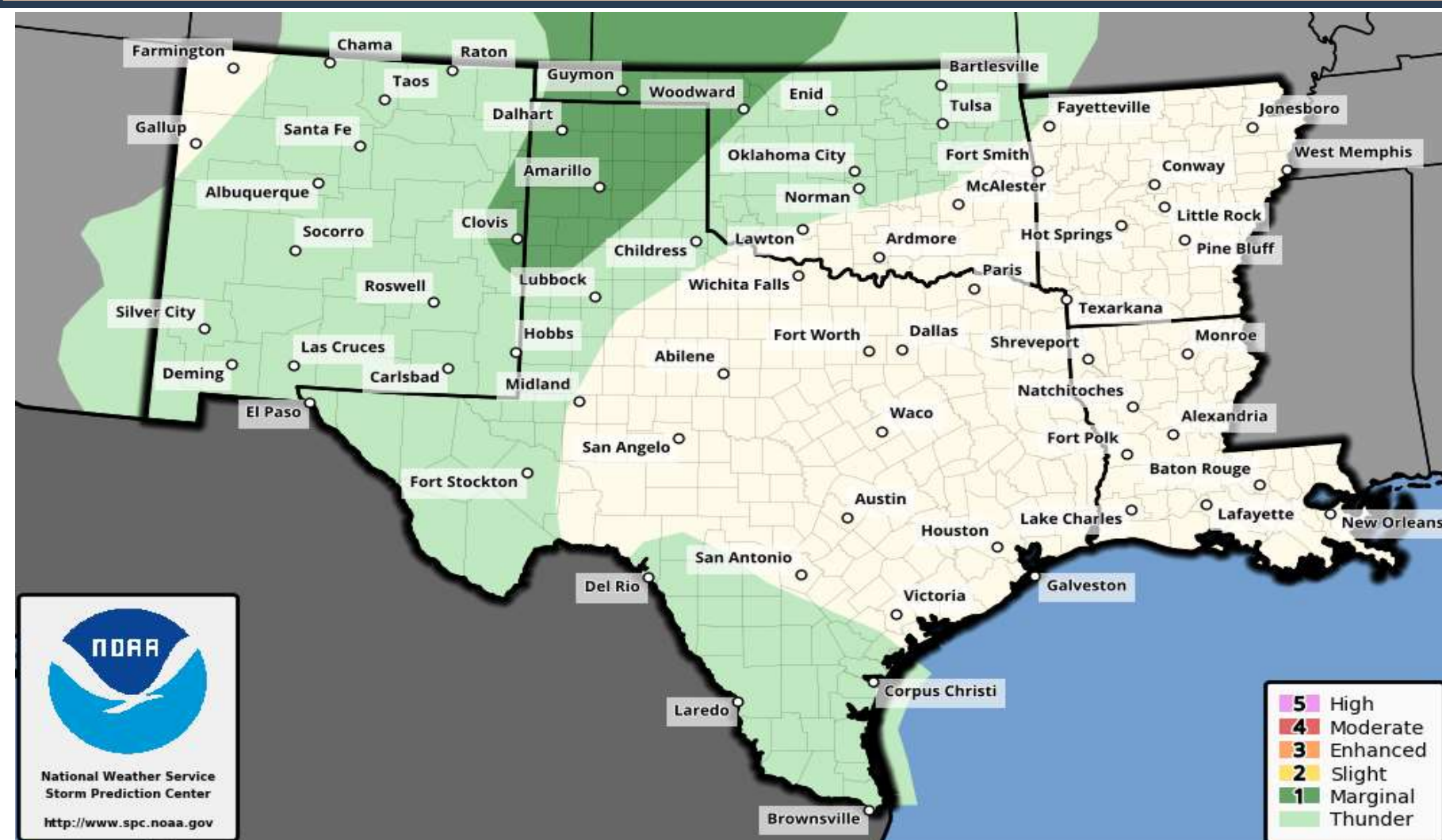


## Forecast Rainfall

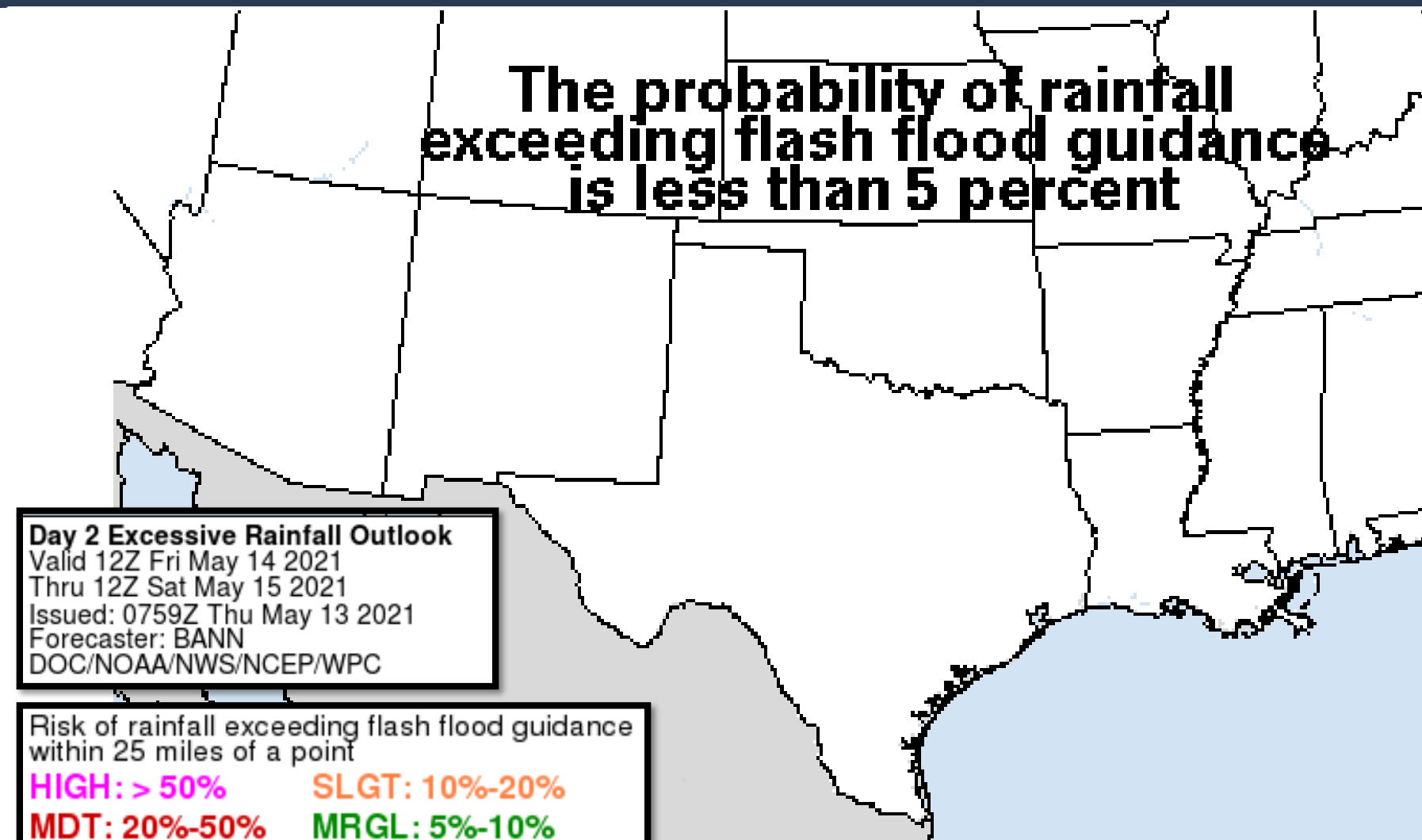


A few severe storms possible over the TX/OK Panhandles into E-Central NM; damaging winds and hail are the main threats.

## Severe Weather Outlook



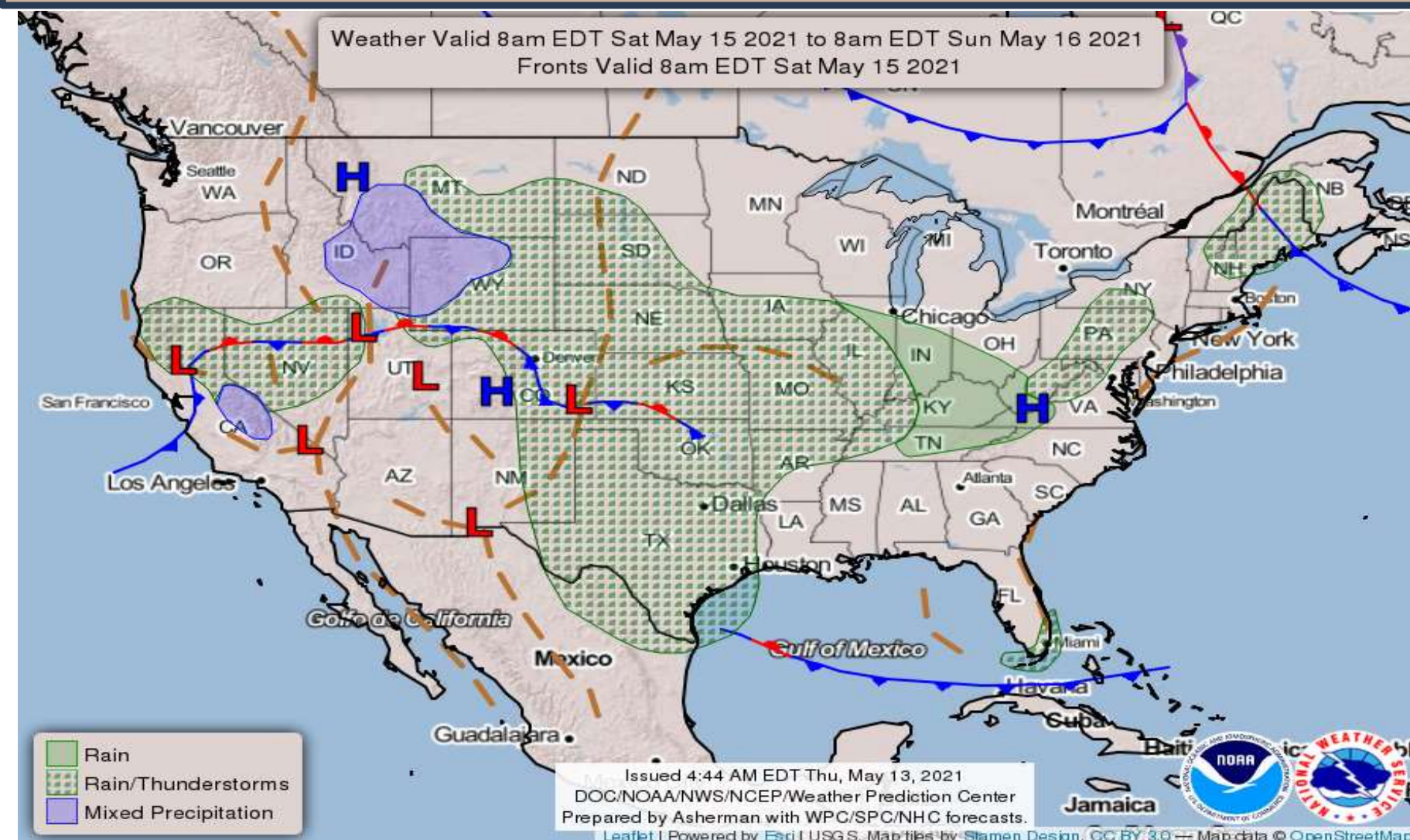
## Excessive Rainfall Outlook



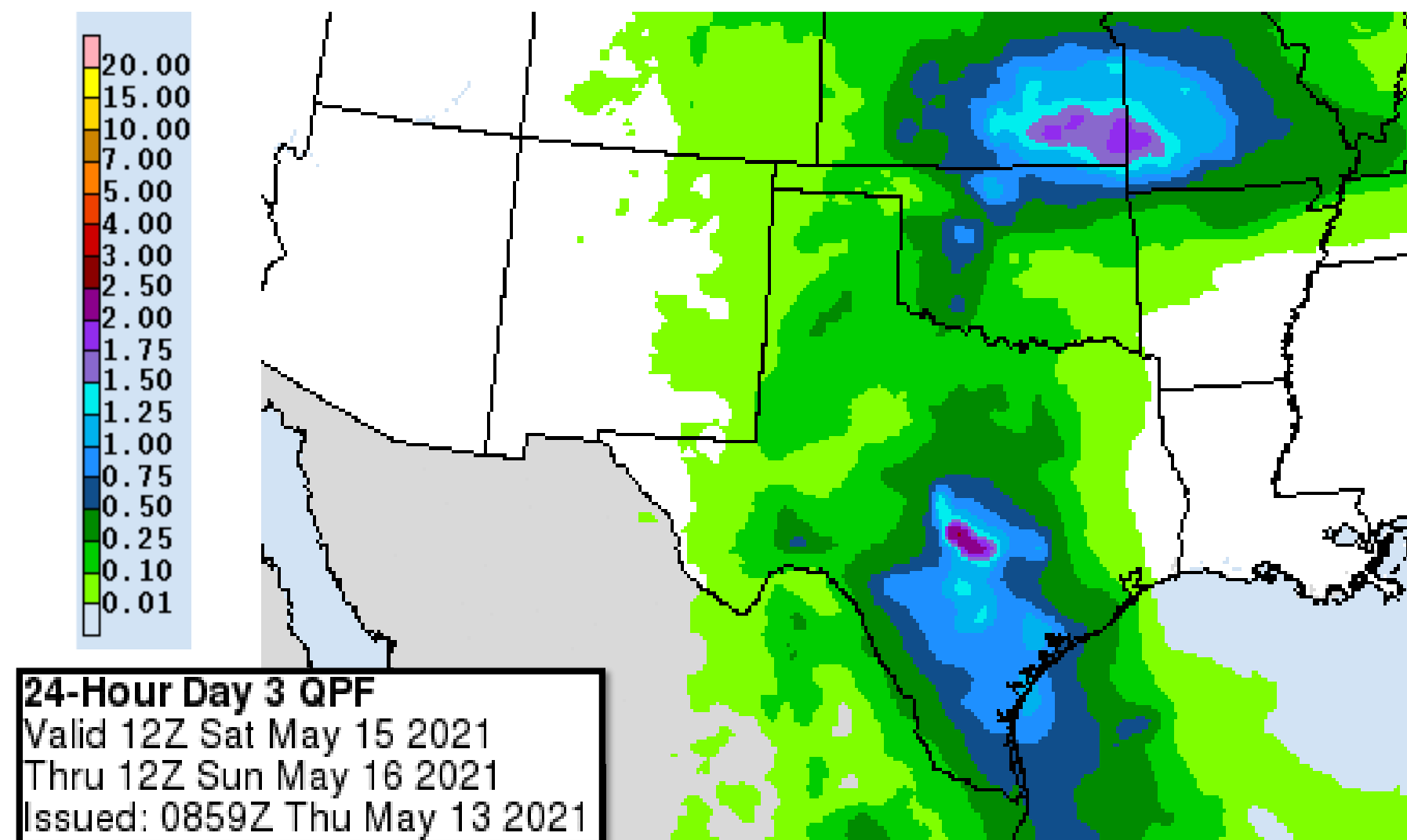


# Saturday's Weather

## Forecast Chart



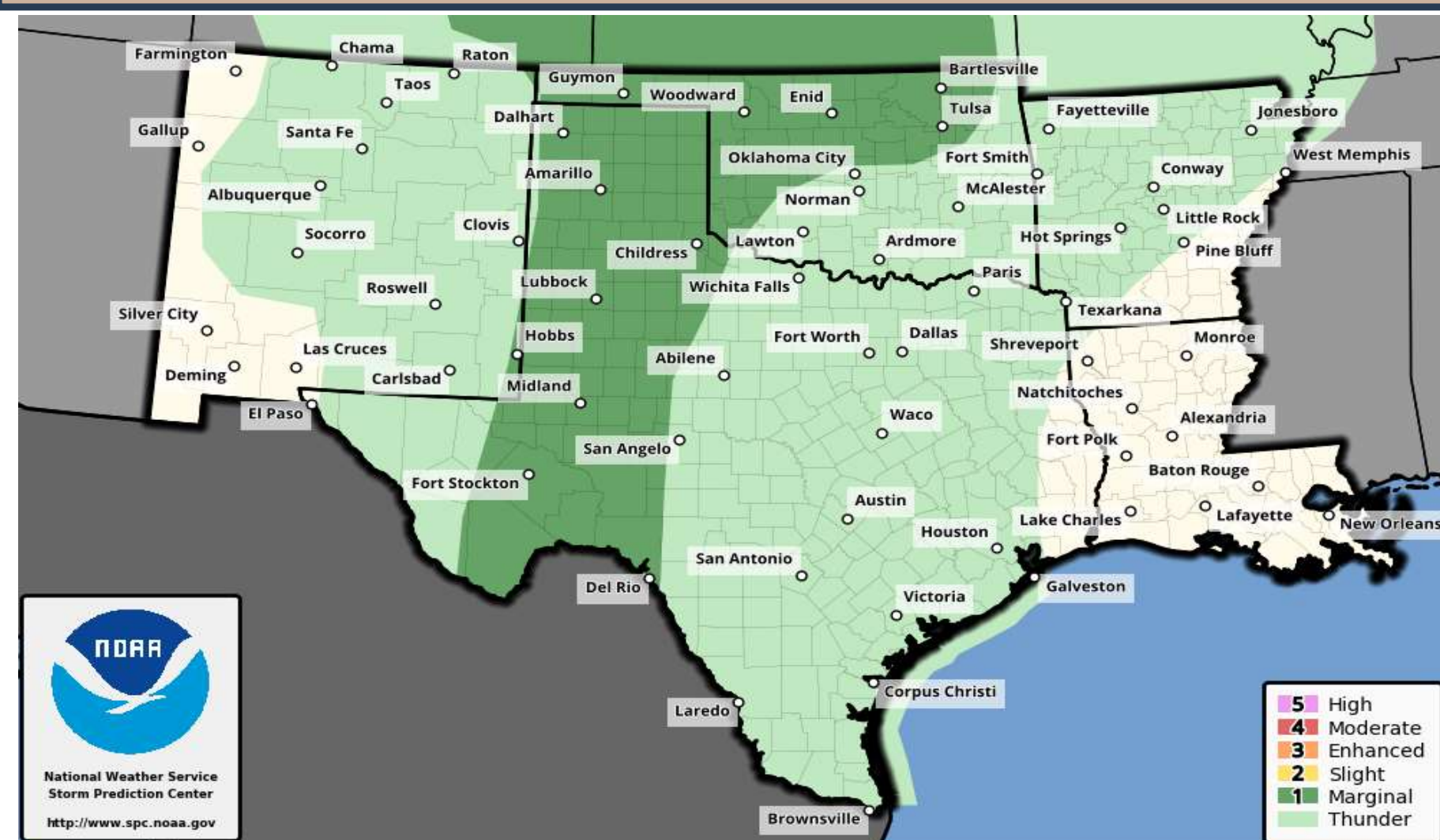
## Forecast Rainfall



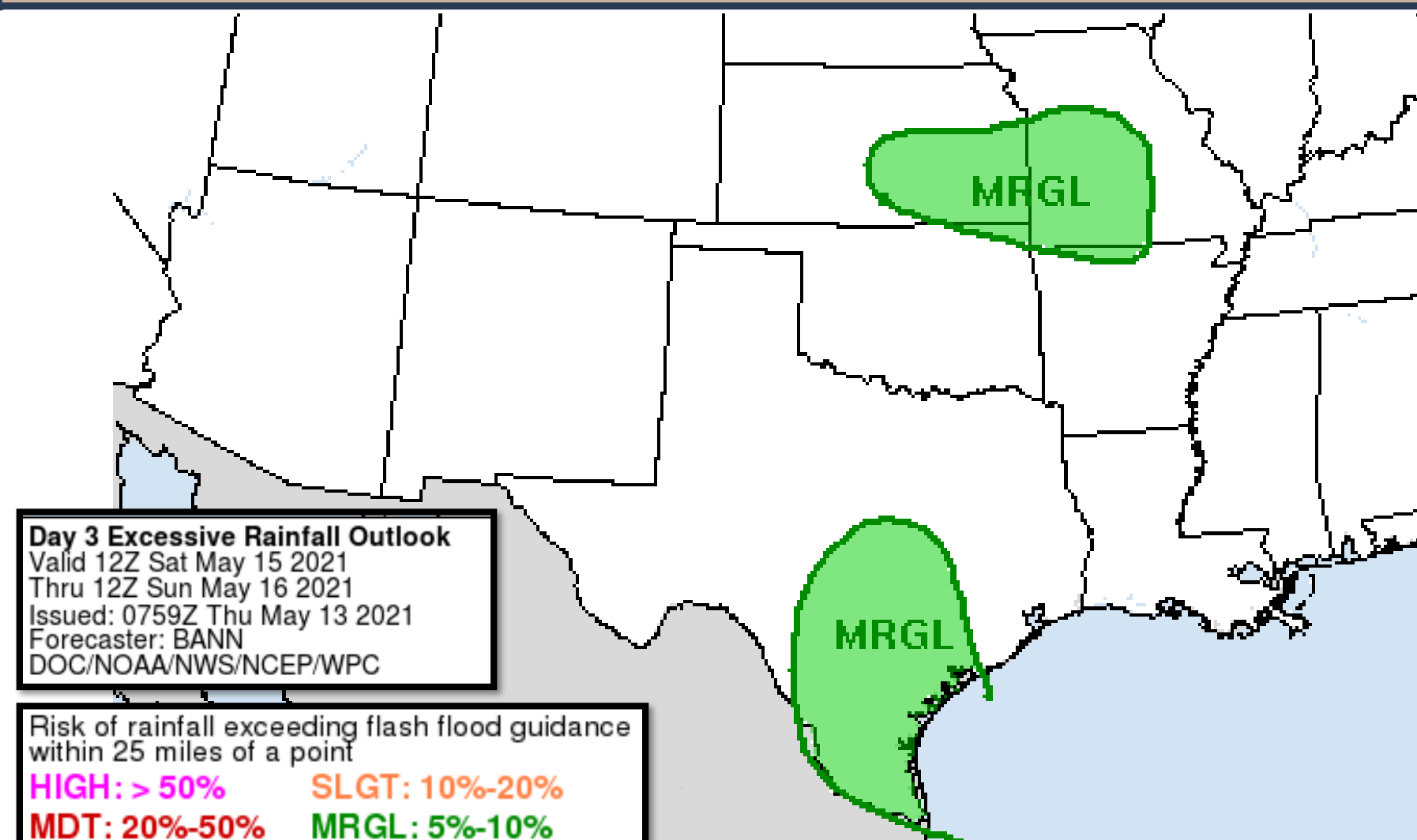
Isolated severe storms possible over portions of OK as well as W TX; damaging winds and large hail are the main threats.

Isolated heavy rain/flash flooding possible over extreme NE OK and N AR...as well as S-Central into S TX.

## Severe Weather Outlook



## Excessive Rainfall Outlook





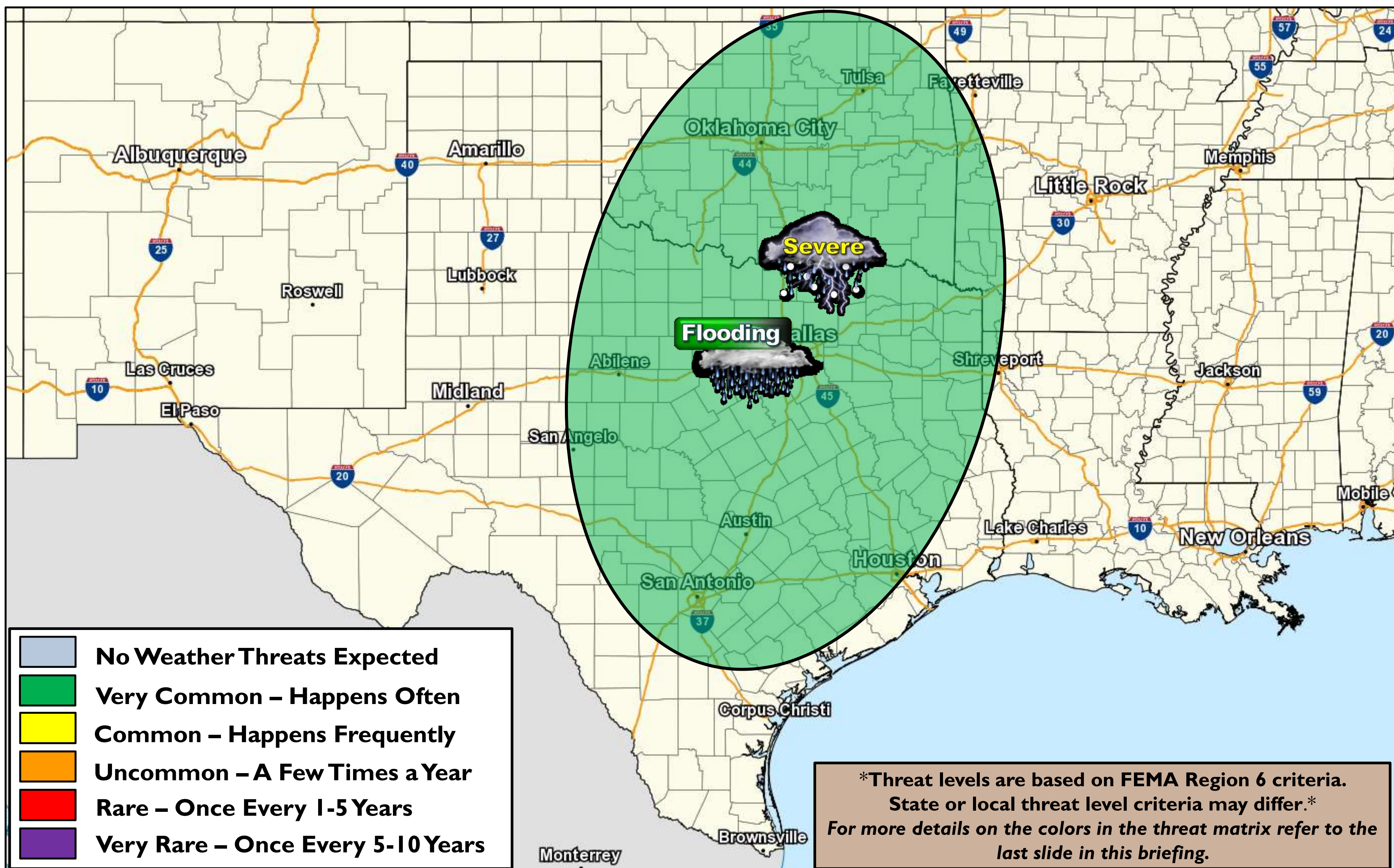
# Days 4-5 Weather Hazards

Sunday - Monday



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Isolated severe storms and heavy rainfall possible starting on Sunday and continuing into the middle of next week.



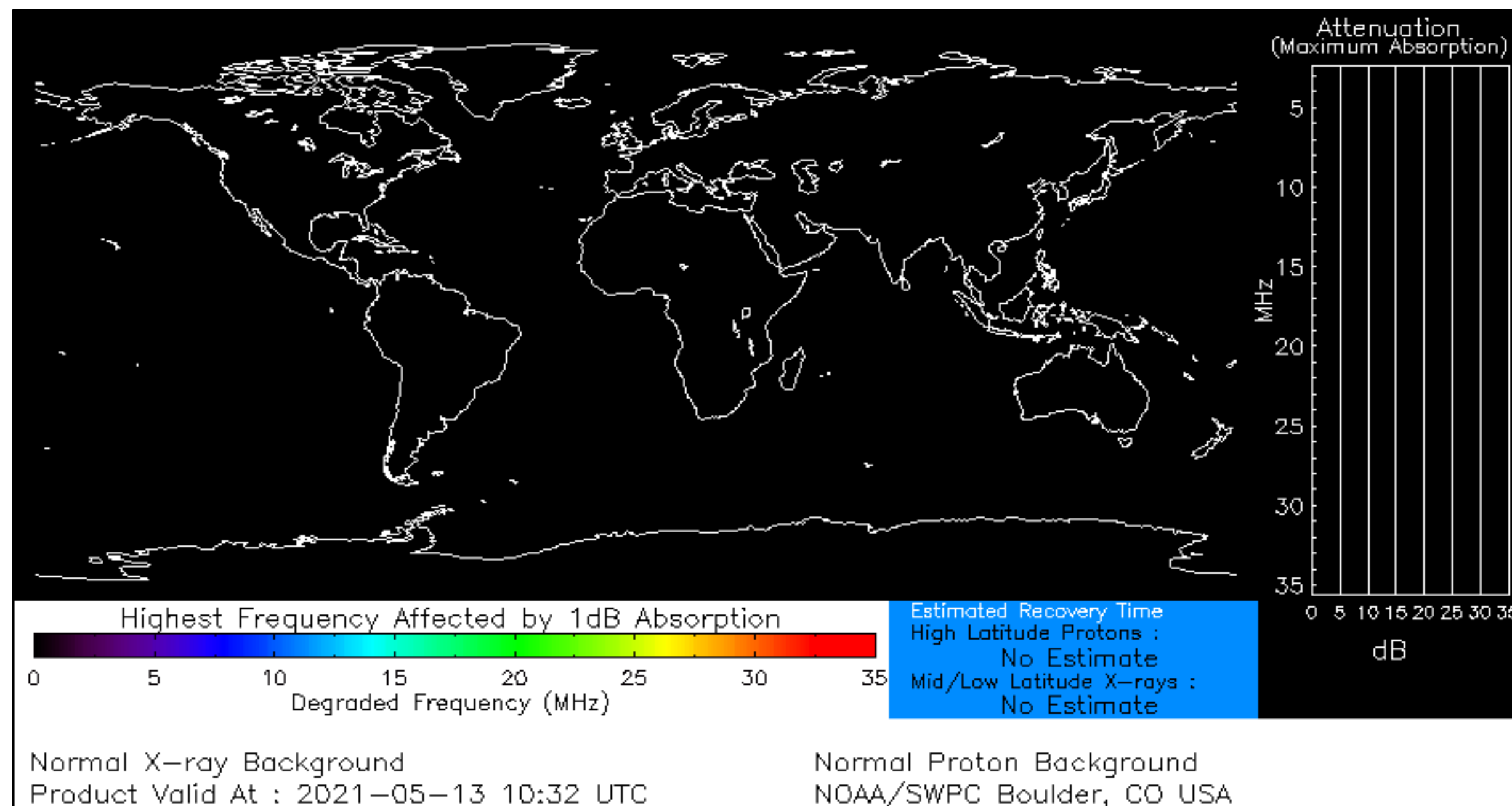


# Space Weather 3-Day Forecast



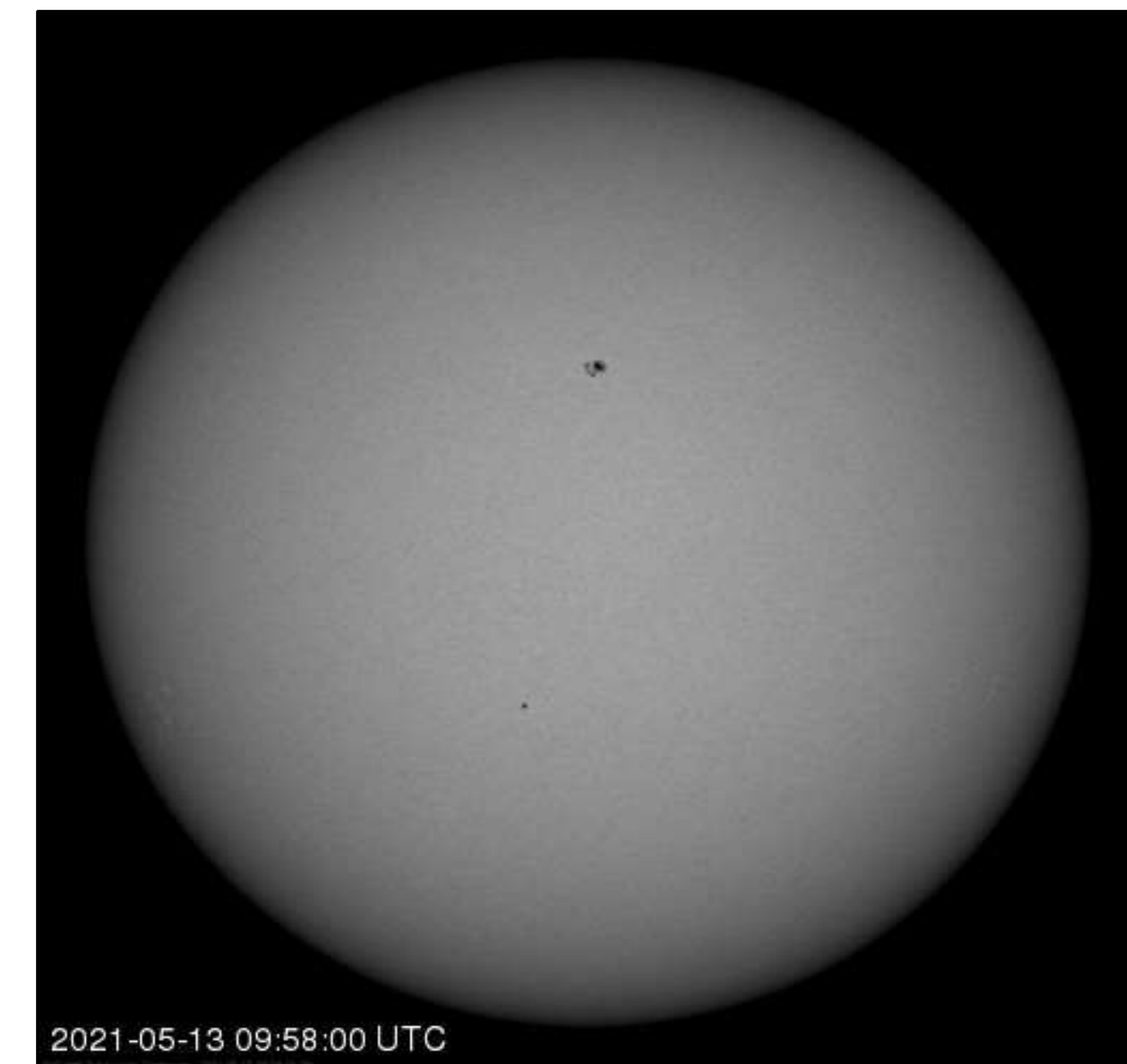
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	Thursday	Friday	Saturday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	5%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**